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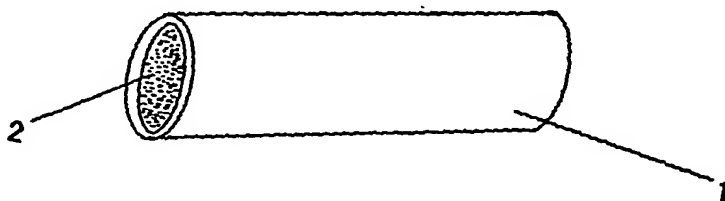
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(54) Title: MICROCAPILLARY HYBRIDIZATION CHAMBER



(57) Abstract: The invention provides a microcapillary hybridization chamber made of a narrow bore tubing with probe segments. Each probe segment has oligonucleotide probes covalently attached to the inner wall of the tubing and the oligonucleotide probes within each segment have identical, known sequences. Many oligonucleotide probe segments can be present within a single centimeter of tubing.

The invention further provides methods for using the microcapillary hybridization chambers in hybridization assays.

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